#1

Benchmark Analysis # 2

Fire in a Large Hall

Specification for Part I

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#2

Summary of Benchmark Ex # 2

- To further the findings from exercise # 1:
 - · comparison with experimental measurements
 - fire within a large space
 - e.g. representative of a turbine hall
- To investigate the influence of modelling assumptions and approaches
 - · incorporation of geometrical complexities
 - non-rectangular buildings compartmentation
- Part I
 - comparison with measurements form fire tests in the VTT test hall
 undertaken as part of a EU program
- Part II
 - 'hypothetical' simulations for a large fire in a 'real' turbine hall

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#3

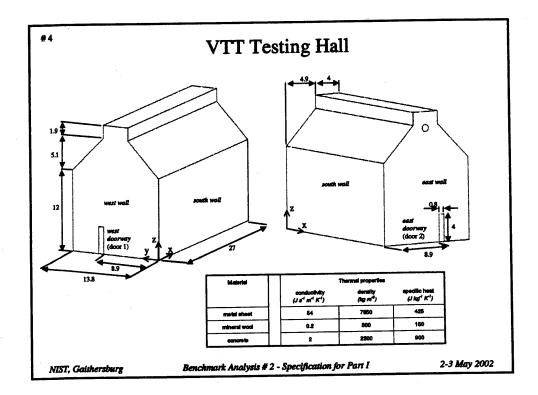
Schedule of Activities (Parts I and II)

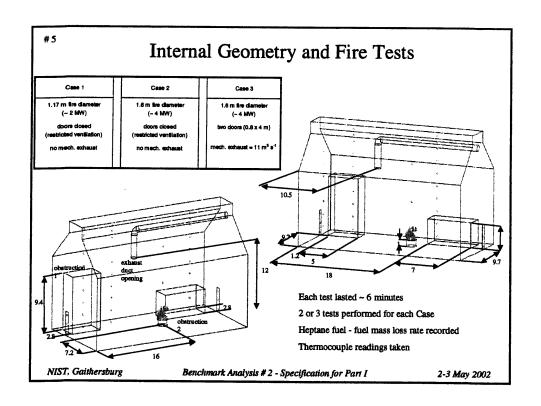
- February 2002
 - release final specification
- February 2002 September 2002
 - participants to perform simulations
- May 2002 (NIST meeting)
 - present preliminary findings for Part I
 - further discussion of problem definition for Part II
- Early September 2002
 - final results sent to BRE for collation
- October 2002 (BRE meeting)
 - present findings for Parts I and II

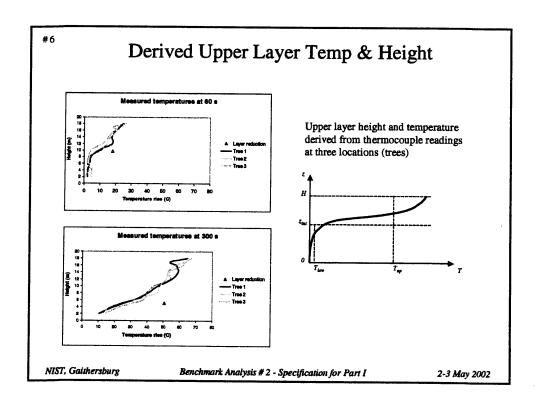
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